

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) Medium (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
Effective Government Operations					
1.1	Develop a special revenue fund and direct all revenues related to resource recovery to self-fund programs and initiatives		x	Short	OMB
1.2	Conduct a Route Optimization Study to perform a review of the current truck routing, mileage, staffing levels, homes served per route and tonnages of trash collected	x	x	Short	OPA
1.3	Review residential and commercial solid waste fees		x	Short	OMB
1.4	Continue to incorporate AVL technology in specs of new trucks		x	Short	
1.5	Examine current usage of the HHW facility to identify if changes could be made to the operating hours to make it more convenient to residents and to potentially reduce costs		x	Short	
1.6	Evaluate recruiting and retention of CDL drivers and provide recommendations to reduce turnover (e.g. CDL training programs, compensation adjustments, other incentives)			Short	OPA, OMB, HR
1.7	Evaluate training and safety program in place to lower absenteeism and workplace injuries		x	Medium	Risk, DHR, OPA
1.8	Review licensing fees for commercial haulers		x	Medium	OMB
1.9	Evaluate public space trash and recycling bins and make recommendations on optimizing routes and other operational changes	x		Medium	RPCA
2	Sustainable purchasing: add recycled product manufacturers to City procurement list and establish EPP guidelines to encourage purchase materials with recycled content	x		Long	OMB
2.1	Explore fleet greening (e.g. Electrification, CNG, Flywheel hybrid)	x	x	Medium to Long	DGS, DASH

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) MEDIUM (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
Education & Outreach					
2.1	Refresh the Resource Recovery website to make it easier to find information and to make it more mobile friendly		x	Short	OCPI
2.2	Develop and make available resources such as downloadable recycling/trash signs, sample letter to tenants, and social media kits for schools, government buildings, commercial and multifamily properties			Short	OCPI, OITS
2.3	Implement digital outreach resources such as a collection notification & how to dispose search tool	x	x	Short	OCPI, OITS
2.4	Implement a resource recovery sorting game app and share resource to city Public Schools			Short	OCPI, OITS, ACPS
2.5	Increase social media presence to educate waste reduction and resource recovery		x	Short	OCPI
2.6	Launch a "Recycle Right" education campaign	x	x	Short	OCPI
2.7	Conduct bi-annual education campaigns on resource recovery (fall - how-to service guide; spring - addressing specific recycling contaminations)		x	Annual	OCPI
2.8	Make the website more accessible, providing translations of content		x	Medium	OCPI
2.9	Conduct a survey of households to determine customer satisfaction with cost of service, services provided, additional services desired and level of services		x	Medium	OPA
2.10	Evaluate the feasibility of a Resource Recovery Ambassadors Volunteer Program			Long	DHR

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) MEDIUM (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
Reduce & Reuse					
3.1	Develop a reuse (consign), donate, repair online directory including the District of Columbia, Maryland, and Virginia to encourage residents and businesses to prevent waste and reuse existing materials	x		Short	COG
3.2	Evaluate and make a recommendation to Council on Pay-As-You-Throw	x	x	Short	OMB
3.3	Support the development of a legislative proposal of a bottle bill & plastic bag fee/ban	x	x	Short	NVRC, LD
3.4	Pilot a Share-A-Bag program to encourage residents to use reusable bags over disposable plastic bags	x		Short	
3.5	Continue to educate and promote Grasscycling annually during mowing season			Short	OCPI
3.6	Support building material reduce, reuse and recovery through working with regional partners to keep the COG's Builders Recycling Guide up-to-date and share resources to commercial developers	x		Medium	COG, DPI
3.7	Support the regional development of Product Stewardship Legislation for electronics, mercury containing products, solar units, paints and pharmaceuticals amongst other hard to recycle products		x	Medium	NVRC, LD
3.8	Work with surrounding jurisdictions to develop and implement a regional approach to reducing plastic waste (In the Sustainable D.C. 2.0 draft)	x		Long	DC
3.9	Support local food waste prevention and food recovery efforts through partnerships and education and outreach			Long	NVRC, LD

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) MEDIUM (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
Resource Recovery: Recycling					
Residential					
4.1	Solicit a short-term recycling collection and processing bid change		x	Short	OMB
4.2	Install special containers for only glass at all recycling drop-off centers to improve the recyclability of glass and implement a glass recovery awareness campaign	x	x	Short	
4.3	Upon evaluating the state of the recycling market, develop a plan to expand glass drop-off centers and/or potentially eliminate glass from single stream recycling	x	x	Short	
4.4	Conduct an annual MRF Sort to evaluate recycling composition and residual rates to help inform the 6 month education campaigns			Short	
4.5	Review recyclability of #3-7 plastics in the marketplace to determine whether to include in the City's recycling list and update City Code		x	Short	DCA
4.6	Conduct a waste characterization study (composition, generation projection, and contamination) to establish a citywide baseline and set a realistic and ambitious recycling goal for the City to achieve		x	Medium	
4.7	Update the City's recycling ordinance to reflect changes in the global recycling market	x	x	Medium	DCA
4.7	Refresh Oops Tags for Recycling and evaluate working with operations staff on direct cart messaging at the refuse level			Long	
Commercial					
4.8	Evaluate an additional FTE dedicated to commercial education and enforcement with funds from commercial refuse fee. FTE will make recommendations on whether the City should pursue new commercial recycling accounts.		x	Short	
4.9	Implement an education campaign for commercial and multifamily buildings and spot inspections of commercial hauling accounts to determine if the Recycling Implementation Plan is being followed		x	Medium	
4.10	Identify development opportunities in the site development plan review process for opportunities to establish new and additional commercial recycling compactor rooms		x	Medium	
4.11	Review commercial recycling requirements to improve resource recovery in the commercial sector. Evaluate for recycling capacity, convenience, sign, # and type of recyclables required to be recycled, education & outreach, and RIP form			Medium	DCA
4.13	Consider establishing business rebates, resource recovery grants, and/or revolving loans programs			Long	OMB

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) Medium (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
Resource Recovery: Organics					
5.1	Continue to meet and grow public awareness of food composting program at the Farmers' Market			Short	OCPI
5.2	Evaluate whether to privatize composting program at Farmer's Market and whether to expand the program			Short	OMB
5.3	Improve the efficiency and cost-effectiveness of the yard waste collection program (e.g. evaluate whether to privatize yard waste, suspend collection during winter season, etc.)		x	Short	OMB
5.4	Expand education and outreach on curbside yard waste collection		x	Short	OCPI
5.5	Evaluate whether mandatory yard waste separation and a plan to ban plastic bags from yard waste collections should be implemented		x	Short	DCA, OCPI
5.6	Improve accuracy of weights and participation rates for Leaf and Yard Waste Collection operations			Short	
5.7	Evaluate the City's Leaf Storage Facility for efficiencies and the equipment (tub-grinder) maintained		x	Medium	
5.8	Evaluate organics processing market readiness (both composting and anaerobic digestion) and feasibility of curbside organics collection	x	x	Medium	
5.9	Develop an organics haulers license list to support commercial and multifamily organics collection in the City			Medium	
5.10	Support growing local composting efforts such as backyard composting and community composting			Medium	RPCA
5.11	Support the regional legislative development of a large quantity organic generator ban			Long	NVRC, OG, LD

DRAFT WasteSmart Strategic Plan to Sustainable Resource Recovery

DRAFT: Last Updated 9/18/18

Timeframe Reference: Short (FY18-21) MEDIUM (FY22-25) Long (FY25-38)

#	Action Item	EAP	HDR	Timeframe	Partners
End Disposal					
6.1	Closely monitor Covanta’s comprehensive preventative and corrective maintenance efforts over the final 5 years of the contract, to ensure the Facility is returned to the City “...in good order and condition...” as required by the WDSA		x	Short	FMG
6.2	Develop and implement a stakeholder engagement forum on the upcoming \$0.00/tip fee.		x	Medium	OMB
6.3	Develop options and recommendation for budget savings with \$0 Covanta tip fee from 2025-2038			Medium	OMB
6.4	Complete a regional comprehensive alternative disposal study. Evaluate long term end disposal options, knowing that significant time will be needed for any potential planning and implementation	x	x	Medium	COG, NVRC, FMG
6.5	Upon the completion of an alternative disposal study, revise the SWMP to incorporate the predicted needs for solid waste management for an on-going 20-year period, a description of the actions to be taken to meet those needs, and show an ability to provide the necessary funding and resources to meet those future needs		x	Medium	OMB